

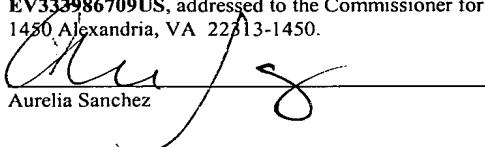


16569 U.S.PTO  
020604

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on February 06, 2004 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EV333986709US, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Aurelia Sanchez

Attorney Docket No.: UNTYP038

First Named Inventor: Rinerson et al.

22141 U.S.PTO  
10/773549  
020604



**UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:  
**Darrell Rinerson, Wayne Kinney, Edmond R. Ward, Steve Kuo-Ren Hsia, Steven W. Longcor  
Christophe Chevallier, John Sanchez and Philip F.S. Swab**

For: **MULTI-RESISTIVE STATE ELEMENT WITH REACTIVE METAL**

Assigned to: Unity Semiconductor Corporation

**Application Elements:**

- 25** Pages of Specification, Claims and Abstract
- 5** Sheets of formal Drawings
- 4** Pages Combined Declaration and Power of Attorney

**Accompanying Application Parts:**

- Do not publish this application. Nonpublication Request is attached.
- Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
- 37 CFR 3.73(b) Statement by Assignee
- Information Disclosure Statement with Form PTO-1449
  - Copies of IDS Citations
- Preliminary Amendment
- Return Receipt Postcard
- Other: Application Data Sheet

Fee Calculation (37 CFR § 1.16)

Applicant is entitled to Small Entity Status under 37 C.F.R. §1.27.

	(Col. 1) Total Claims		(Col. 2) Claims	(Col. 3) Present Extra	Rate	Additional Fee
TOTAL	26	MINUS	20	= 6	x 18 =	54.00
INDEP.	3	MINUS	3	= 3	x 86 =	0
[ ] First presentation of multiple dependent claim					\$290 =	0
Basic Filing Fee under 37 C.F.R. §1.16(a)					\$770 =	770.00
						TOTAL 824.00
SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)						412.00

Check No. 21443 in the amount of \$452.00 (Filing Fees and Assignment Recordation Fee) is enclosed.

The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 500388 (Order No. UNTYP038).

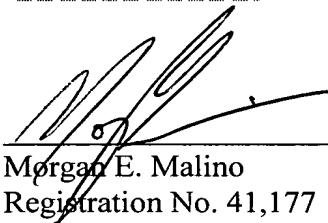
General Authorization for Petition for Extension of Time (37 CFR §1.136)

Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 500388 (Order No. UNTYP038).

Please send correspondence to the following address:

**Customer Number 022434**

**022434**



Morgan E. Malino  
Registration No. 41,177

Date: February 6, 2004

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: Darrell Rinerson et al.

Attorney Docket No.: UNTYP038

Application No.: New

Examiner: Not Yet Assigned

Filed: Herewith

Group: Not Yet Assigned

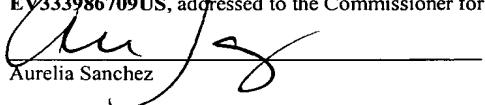
Title: **MULTI-RESISTIVE STATE ELEMENT  
WITH REACTIVE METAL**

Confirmation No.: Not Yet Assigned

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Aurelia Sanchez

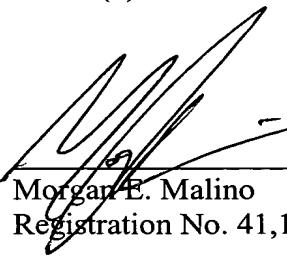
**NONPUBLICATION REQUEST AND CERTIFICATION  
(35 U.S.C. 122(b)(2)(B)(i))**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen (18) months after filing. I hereby request that the attached application **NOT** be published under 35 U.S.C. 122(b).

Date: February 6, 2004

  
Morgan E. Malino  
Registration No. 41,177